



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/122,484      | 07/24/1998  | TERESA FARIAS LATTER | 8285/181            | 4450             |

757 7590 03/19/2007  
BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610

|          |
|----------|
| EXAMINER |
|----------|

TRAN, QUOC DUC

|          |              |
|----------|--------------|
| ART UNIT | PAPER NUMBER |
|----------|--------------|

2614

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE  | DELIVERY MODE |
|--|------------|---------------|
| 2 MONTHS                               | 03/19/2007 | PAPER         |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.



UNITED STATES PATENT AND TRADEMARK OFFICE

---

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

**BEFORE THE BOARD OF PATENT APPEALS  
AND INTERFERENCES**

Application Number: 09/122,484  
Filing Date: July 24, 1998  
Appellant(s): LATTER ET AL.

**MAILED**

**MAR 19 2007**

**Technology Center 2600**

---

Matthew T. Ridsdale  
For Appellant

**EXAMINER'S ANSWER**

This is in response to the appeal brief filed 12/15/2006 appealing from the Office action mailed 2/17/2006.

**(1) Real Party in Interest**

A statement identifying by name the real party in interest is contained in the brief.

**(2) Related Appeals and Interferences**

The examiner is not aware of any related appeals, interferences, or judicial proceedings which will directly affect or be directly affected by or have a bearing on the Board's decision in the pending appeal.

**(3) Status of Claims**

The statement of the status of claims contained in the brief is correct.

**(4) Status of Amendments After Final**

The appellant's statement of the status of amendments after final rejection contained in the brief is correct.

**(5) Summary of Claimed Subject Matter**

The summary of claimed subject matter contained in the brief is correct.

**(6) Grounds of Rejection to be Reviewed on Appeal**

The appellant's statement of the grounds of rejection to be reviewed on appeal is correct.

**(7) Claims Appendix**

The copy of the appealed claims contained in the Appendix to the brief is correct.

**(8) Evidence Relied Upon**

No evidence is relied upon by the examiner in the rejection of the claims under appeal.

**(9) Grounds of Rejection**

The following ground(s) of rejection are applicable to the appealed claims:

***Claim Rejections - 35 USC § 103***

Art Unit: 2614

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 57-59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bartholomew (5,497,414) in view of Tatchell et al (5,905,774).

Consider claims 57-59. Bartholomew teaches a method and a system for processing a call from a calling party at a calling communication station to a called party communication station, comprising a switch (SSP 11-17, fig(s). 2; column(s) 5, line(s) 27-52) operative to generate a query in response to the receipt of the call, wherein the query includes the telephone number associated with the calling communication station (e.g., TCAP query includes a service key which is the calling party's address and digits representing the called party address, column(s) 6, line(s) 6-19); a service control point (ISCP 40, fig(s). 2) coupled with the switch, the SCP being operative to determine whether standard caller ID information for the calling communication station can be provided to the called communication station by analyzing information contained within the query (e.g., comparing the calling party's address or calling party number with data stored in the call processing record (CPR); column(s) 6, line(s) 40 to column(s) 7, line(s) 62); and a service node (a peripheral unit under network control of the ISCP, column(s) 6, line(s) 60 to column(s) 7, line(s) 8) coupled with the SCP, the service node being operative to transmit a request for PIN or password to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station (column(s) 7, line(s) 6-8). Bartholomew further teaches in

Art Unit: 2614

response to this request if the caller keys a special privacy override code (PIN or password) then the call is completed without providing any caller identification information to the called communication station (col. 7, line(s) 53-62).

Bartholomew does not teach requesting for audible caller ID information to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station and being operative to transmit the audible caller ID information to the called communication station.

Tatchell teaches an apparatus for processing a call from a calling party (calling party 22) at a calling communication station to a called communication station (i.e., subscriber 17a-17n), comprising means for determining whether standard caller identification information for the calling communication station can be provided to the called communication station (e.g., the CLID cannot be verified or detected; column 20 lines 50-51; see figures 8a-b steps 103 and 106); means for transmitting a request for audible caller identification information to the calling communication station in response to a determination that the standard caller identification information cannot be provided to the called communication station (e.g., agent obtains caller's name as delivered over the network or by asking the caller to say their name; figure 8b step 106) for the purposes of providing an improved call screening and prioritization of incoming calls (column(s) 20, line(s) 39-41).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Tatchell into the teachings of Bartholomew for the purposes mentioned above.

Art Unit: 2614

3. Claims 60-66, 68-72, 75-93 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bartholomew (5,497,414) in view of Tatchell et al (5,905,774).

Consider claims 60, 64, 68. Bartholomew teaches a system for processing a call from a calling party at a calling communication station to a called party communication station, comprising a switch (SSP 11-17, fig(s). 2; column(s) 5, line(s) 27-52) operative to generate a query in response to the receipt of the call, wherein the query includes the telephone number associated with the calling communication station (e.g., TCAP query includes a service key which is the calling party's address and digits representing the called party address, column(s) 6, line(s) 6-19); a service control point (ISCP 40, fig(s). 2) coupled with the switch, the SCP being operative to determine whether standard caller ID information for the calling communication station can be provided to the called communication station by analyzing information contained within the query (e.g., comparing the calling party's address or calling party number with data stored in the call processing record (CPR); column(s) 6, line(s) 40 to column(s) 7, line(s) 62); and a service node (a peripheral unit under network control of the ISCP, column(s) 6, line(s) 60 to column(s) 7, line(s) 8) coupled with the SCP, the service node being operative to transmit a request for PIN or password to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station (column(s) 7, line(s) 6-8). Bartholomew further teaches in response to this request if the caller keys a special privacy override code (PIN or password) then the call is completed without providing any caller identification information to the called communication station (col. 7, line(s) 53-62).

Bartholomew does not teach requesting for audible caller ID information to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station and being operative to transmit the audible caller ID information to the called communication station.

Tatchell teaches an apparatus for processing a call from a calling party (calling party 22) at a calling communication station to a called communication station (i.e., subscriber 17a-17n), comprising means for determining whether standard caller identification information for the calling communication station can be provided to the called communication station (e.g., the CLID cannot be verified or detected; column 20 lines 50-51; see figures 8a-b steps 103 and 106); means for transmitting a request for audible caller identification information to the calling communication station in response to a determination that the standard caller identification information cannot be provided to the called communication station (e.g., agent obtains caller's name as delivered over the network or by asking the caller to say their name; figure 8b step 106); and canceling the call in response to input from the called communication station (see figure 8d steps 116-119) for the purposes of providing an improved and user-defined call screening and prioritization of incoming calls (column(s) 20, line(s) 39-41).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Tatchell into the teachings of Bartholomew for the purposes mentioned above.

Consider claims 61-63. Bartholomew further teaches the limitations of claims 61-63 in (column(s) 6, line(s) 60 to column(s) 7, line(s) 43).

Consider claim 65. Tatchell further teaches the step of transmitting a request for the calling party to speak his or her name (see figure 8b).

Consider claim 66. Tatchell teaches all the subject matter claimed, note see the rejection of claim 60, and further teaches the step of transmitting a text message to the called communication station (e.g., transmitting a text message, and translating the text message to speech; column 18 lines 39-63). Tatchell's column(s) 18, line(s) 56-59, and column(s) 21, line(s) 14-16 disclose the use of text to speech translation in order to provide audible caller ID information to the subscriber. Of course, in case a conventional caller ID information (e.g., not an audible caller ID) to be delivered to the subscriber, there is no need for text to speech translation. Instead, caller ID information in text form would be transmitted to the subscriber.

Consider claims 69-72, 76, 91-93. Bartholomew teaches a system for processing a call from a calling party at a calling communication station to a called party communication station, comprising a switch (SSP 11-17, fig(s). 2; column(s) 5, line(s) 27-52) operative to generate a query in response to the receipt of the call, wherein the query includes the telephone number associated with the calling communication station (e.g., TCAP query includes a service key which is the calling party's address and digits representing the called party address, column(s) 6, line(s) 6-19); a service control point (ISCP 40, fig(s). 2) coupled with the switch, the SCP being operative to determine whether standard caller ID information for the calling communication station can be provided to the called communication station by analyzing information contained within the query (e.g., comparing the calling party's address or calling party number with data stored in the call processing record (CPR); column(s) 6, line(s) 40 to column(s) 7, line(s) 62); and a service node (a peripheral unit under network control of the ISCP, column(s) 6, line(s) 60



Art Unit: 2614

to column(s) 7, line(s) 8) coupled with the SCP, the service node being operative to transmit a request for PIN or password to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station (column(s) 7, line(s) 6-8). Bartholomew further teaches in response to this request if the caller keys a special privacy override code (PIN or password) then the call is completed without providing any caller identification information to the called communication station (col. 7, line(s) 53-62).

Bartholomew does not teach requesting for audible caller ID information to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station and being operative to transmit the audible caller ID information to the called communication station.

Tatchell teaches an apparatus for processing a call from a calling party (calling party 22) at a calling communication station to a called communication station (i.e., subscriber 17a-17n), comprising means for determining whether standard caller identification information for the calling communication station can be provided to the called communication station (e.g., the CLID cannot be verified or detected; column 20 lines 50-51; see figures 8a-b steps 103 and 106); means for transmitting a request for audible caller identification information to the calling communication station in response to a determination that the standard caller identification information cannot be provided to the called communication station (e.g., agent obtains caller's name as delivered over the network or by asking the caller to say their name; figure 8b step 106); and transferring the call to a voice mail system (or another location, e.g., redirect the call; column(s) 21, line(s) 38-40) in response to input from the called party (col. 21, ln. 20-40) for the

Art Unit: 2614

purposes of providing an improved call screening and prioritization of incoming calls (column(s) 20, line(s) 39-41). Tatchell's column(s) 21, line(s) 30-40 clearly teaches transmitting a message to the calling communication in response to input from the called communication station (e.g., if the call is rejected 117, the agent forwards or sends the call to screen block announcement).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Tatchell into the teachings of Bartholomew for the purposes mentioned above.

Consider claim 75. Tatchell further teaches the steps of recording the audible caller identification information and transmitting the recorded audible caller identification information to the called telephone station (column 16 lines 20-35).

Consider claims 77, 84, 90. Bartholomew teaches a system for processing a call from a calling party at a calling communication station to a called party communication station, comprising a switch (SSP 11-17, fig(s). 2; column(s) 5, line(s) 27-52) operative to generate a query in response to the receipt of the call, wherein the query includes the telephone number associated with the calling communication station (e.g., TCAP query includes a service key which is the calling party's address and digits representing the called party address, column(s) 6, line(s) 6-19); a service control point (ISCP 40, fig(s). 2) coupled with the switch, the SCP being operative to determine whether standard caller ID information for the calling communication station can be provided to the called communication station by analyzing information contained within the query (e.g., comparing the calling party's address or calling party number with data stored in the call processing record (CPR); column(s) 6, line(s) 40 to column(s) 7, line(s) 62); and a service node (a peripheral unit under network control of the ISCP, column(s) 6, line(s) 60

Art Unit: 2614

to column(s) 7, line(s) 8) coupled with the SCP, the service node being operative to transmit a request for PIN or password to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station (column(s) 7, line(s) 6-8).

Bartholomew does not teach requesting for audible caller ID information to the calling communication station in response to a determination that the standard caller ID information cannot be provided to the called communication station and being operative to transmit the audible caller ID information to the called communication station.

Tatchell teaches an apparatus for processing a call from a calling party (calling party 22) at a calling communication station to a called communication station (i.e., subscriber 17a-17n), comprising means for determining whether standard caller identification information for the calling communication station can be provided to the called communication station (e.g., the CLID cannot be verified or detected; column 20 lines 50-51; see figures 8a-b steps 103 and 106); means for transmitting a request for audible caller identification information to the calling communication station in response to a determination that the standard caller identification information cannot be provided to the called communication station (e.g., agent obtains caller's name as delivered over the network or by asking the caller to say their name; figure 8b step 106) for the purposes of providing an improved call screening and prioritization of incoming calls (column(s) 20, line(s) 39-41).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Tatchell into the teachings of Bartholomew for the purposes mentioned above.

Art Unit: 2614

Consider claims 78-79, 85-86. Bartholomew further teaches that the service control point is operative to determine whether the standard caller identification information for the calling communication station is unavailable or incomplete (column(s) 6, line(s) 60 to column(s) 7, line(s) 27).

Consider claims 80 and 87. Bartholomew further teaches that the service control point is operative to determine whether the standard caller identification information for the calling communication station is blocked (column(s) 6, line(s) 60 to column(s) 7, line(s) 27).

Consider claims 81 and 88. Tatchell further teaches that the service node is operative to transmit audible messages to the calling communication station (column 21 lines 20-47).

Consider claims 82 and 89. Tatchell further teaches that the service node is operative to transmit audible messages to the called communication station (see figures 8a-d, step 106).

Consider claims 83 and 90. Tatchell further teaches that the service node is operative to receive and respond to input from the called communication station (column 21 lines 20-40).

4. Claim 73 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bartholomew (5,497,414) in view of Tatchell et al (5,905,774) as applied to claims 60, 69-71 above, and further in view of Bartholomew et al (6,167,119).

Consider claim 73. Bartholomew'414 in view of Tatchell does not teach transmitting a request for the calling party to speak the name of the party upon whose behalf he or she is calling.

Bartholomew'119 teach transmitting a request for the calling party to speak the name of the party upon whose behalf he or she is calling (column(s) 43, line(s) 11-36) for the purposes of identifying individual who has been identified by voice only (e.g., caller id is not detected).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Bartholomew'119 into the teachings of Bartholomew'414 in view of Tatchell for the purposes mentioned above.

5. Claim 74 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bartholomew (5,497,414) in view of Tatchell et al (5,905,774) as applied to claims 60, 69-71 above, and further in view of Jones et al (5,033,076).

Consider claim 74. Bartholomew in view of Tatchell does not teach transmitting message to indicate that the called communication does not accept calls from an unidentified calling party.

Jones teaches transmitting message to indicate that the called communication does not accept calls from an unidentified calling party (see the entire abstract).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of Jones into the teachings of Bartholomew in view of Tatchell, so that called party can screen or monitor the incoming call before answering the call in order to avoid answering nuisance, harassment, or unimportant calls.

#### **(10) Response to Argument**

Appellant's arguments filed 12/15/2006 have been fully considered but they are not persuasive.

Art Unit: 2614

Regarding Appellant arguments on pages 7-9 of the Appeal Brief that neither Bartholomew nor Tatchell discloses or even suggests, “*transmitting a request for audible caller identification*”. Appellant further asserted, “*if the standard caller identification were not provided to the system of Tatchell, e.g., no information is provided for comparison, then the calling party is simply blocked*”. Accordingly, the examiner respectfully disagrees with appellant assertions. It is submitted that Tatchell clearly disclosed of requesting for an audible caller identification (i.e., asks for name and telephone number) to the calling station in response to a determination that the standard caller ID information cannot be provided. *Column 20 lines 49-51* of Tatchell recites, “*a check is made to determine if it (i.e., the voice call) has a CLID. If there is none or the CLID is blocked (i.e., no standard caller ID information), the agent (i.e., personal agent processor) answers the call and asks for name and telephone number*” [emphasized added]. Thus, its clearly disclosed that the personal agent processor requesting audible name and number from the calling party when there is no caller ID information or Caller ID information has been blocked. Furthermore, its clear that the system of Tatchell does not simply blocked the call when standard caller information were not provided, since the system of Tatchell requested that caller party to provides name and telephone number for further processing of the call. Thus, Tatchell disclosed of “*transmitting a request for audible caller identification*” and thereby cured the deficiency of Bartholomew. Therefore, the combination of Bartholomew in view of Tatchell rendered appellant’s claimed limitations unpatentable.

Regarding appellant assertion that the combination of Bartholomew and Tatchell would simply result in a system in which a PIN was utilized to determine if the calling party was previously established on the call screening and prioritization list. Accordingly, the examiner

Art Unit: 2614

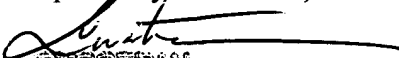
respectfully disagrees with appellant's assertion. It is submitted that the combination would result in a system in which the "request for name and phone number" of Tatchell would ultimately replaces the "request for PIN" (see col. 7 lines 45-48) in Bartholomew in order to provides called party with audible identity of the caller. Thus, improving call screening process by enable the calling party with blocked caller ID or with unavailable caller ID information to effectively and selectively identifying him or herself to the destination party.


Appellant further argues based on the same reasoning for all of the remaining claims. Therefore, the examiner responses will be the same as those presented above.

**(11) Conclusion**


For the above reasons, it is believed that the rejections should be sustained.

Respectfully submitted,

  
**QUOCTRAN**  
**PRIMARY EXAMINER**  
AU 2614

  
**COMPTON**  
**TECHNOLOGY CENTER 2600**

Conferees:

  
**DUC M. NGUYEN**  
**SUPERVISORY PRIMARY EXAMINER**  
**TECHNOLOGY CENTER 2600**

Brinks Hofer Gilson & Lione  
P.O. BOX 10395  
Chicago, Illinois 60610